CITY OF GRAPEVINE Chapter 7, Buildings and Construction, Article VIII, Plumbing Code

ARTICLE VIII. PLUMBING CODE*

*Editor's note: Ord. No. 83-27, § 1, adopted June 7, 1983, amended Art. VIII of Ch. 7 in its entirety by enacting sections designated as §§ 7-170--7-172, 7-172.1-7.172.6, and 7-173, which sections have been redesignated by the editor as §§ 7-170--7-177 for purposes of classification and in order to maintain the current numbering format of this Code. Former Art. VIII pertained to similar subject matter, consisted of §§ 7-170--7-173, and was derived from Ord. No. 73-10, §§ 1--3, 5, adopted March 6, 1973; Ord. No. 77-18, §§1--3, 5, adopted April 5, 1977; and Ord. No. 81-38, §§ 1, 2, adopted May 19, 1981.

Cross references: Water and sewer connections, § 25-21 et seq. **State law references:** Plumbing license law, Vernon's Ann. Civ. St. art. 6243-101.

Sec. 7-170. Short title.

This article shall be known as the "Grapevine Plumbing Code" and is to be cited as such.

(Ord. No. 83-27, § 1, 6-7-83)

Sec. 7-171. Plumbing code adopted.

- (a) There is hereby adopted by the City of Grapevine, Texas, the 2006 International Plumbing Code published by the International Code Council, with the exception of such sections thereof as are hereinafter deleted, modified or amended and the same is hereby adopted and incorporated herein as if the same was copied in full herein, and the provisions thereof shall be the building regulations within the corporate limits of the City of Grapevine, Texas.
- (b) A copy of the "2006 International Plumbing Code", shall be maintained by the office of the city secretary.

(Ord. No. 83-27, § 1, 6-7-83; Ord. No. 92-17, § 3, 4-7-92; Ord. No. 2005-15, § 6, 3-1-05; Ord. No. 2007-36, § 6, 7-17-07)

Sec. 7-172. Registration and licensing of plumbing contractors.

- (a) Securing permits by unregistered plumbing contractors declared unlawful. It shall be unlawful for any person, firm or corporation who is not registered by the city as a plumbing contractor to secure permits as provided herein. Each plumbing contractor shall register with the city at the beginning of each year or prior to doing plumbing work within the city in any current year. The plumbing contractor shall furnish the name or names of persons who are authorized to sign permit applications.
- (b) Certificate of occupancy. Each applicant for registration as a plumbing contractor shall have an established place of business or shop for which a certificate of occupancy has been secured from the City of Grapevine if such business is located in the City of Grapevine. Such certificate of occupancy shall be displayed in his place of business.
- (c) Method of registration for plumbing contractors. To register with the City of Grapevine as a plumbing contractor, application shall be filed on forms furnished by the building inspection division. The application shall show the plumbing contractor's name, local address and telephone number, and such other information as may reasonably be required to properly identify the plumbing contractor. A copy of the drivers license of the registrant shall be submitted."
- (d) Representation as plumber without registration declared unlawful. It shall be unlawful for any person, firm, or corporation to represent himself or themselves as a registered and licensed plumber, or to use falsely the words "plumbing contractor," "master plumber," "journeyman plumber," or "plumber," or words of similar import or meaning, on signs, cards, stationery, or by any other misleading manner whatsoever within the city, unless said person, firm or corporation is, in fact, registered and holds a valid license within the meaning of the words used and as provided in this code.
- (e) Fees for registration. Annual registration fees shall be required for all plumbing contractors. The annual registration fee shall be \$75.00 and shall be payable at the department of community development. The fiscal year for the payment of registration begins on January first and ends at midnight on December 31st of the same year.
- (f) Registration denial. The registration of a plumbing contractor may be denied by the building official, or the registration may be revoked by

the plumbing board of appeals if the registration is issued on the basis of incorrect information supplied by the plumbing contractor.

- (g) Revocation, suspension, and notice.
 - (1) In the event of knowingly committing outstanding violations of city requirements, including performing work for which a permit is required without first obtaining said permit from the city, the building official may revoke or suspend a plumbing contractor's registration up to one year. After the one-year revocation, the plumbing contractor may reapply for registration as a new mechanical contractor as set forth in subsections (c) and (e) of this section.

(h) Appeals procedures.

- (1) In the event that a plumbing contractor wishes to appeal the decision of the building official for revocation or suspension, the plumbing contractor shall file a written notice of appeal in the office of the building official within ten days of receipt of the notice for revocation or suspension.
- (2) A hearing shall be held before the building board of appeals after the plumbing contractor has been given notice of the hearing by personal service or certified mail, return receipt requested, at least ten days prior to the hearing date.
- (3) After the hearing, the plumbing contractor shall be notified in writing of the determination of the plumbing board of appeals by personal service or certified mail, return receipt requested.
- (i) Exemption for homeowner. No such registration procedure shall be required for alteration or repair work to be performed on a residential structure when the person performing the alteration or repair work is the owner of the structure, has his legal residence there, and is not assisted by any other person for remuneration. The homeowner shall be automatically termed a registrant for the purposes of such a project without registration. Notwithstanding such relief from registration, all requirements for permits for the work and all other applicable provisions of this plumbing code shall remain in force.
- (j) Penalty for violation of code. Any person, firm or corporation violating any of the terms and/or provisions of the plumbing code shall be guilty of a misdemeanor, and upon conviction thereof shall be fined as provided in section 1-6 of this code for each offense, and each day the violation continues shall constitute a new offense.

(Ord. No. 83-27, § 1, 6-7-83; Ord. No. 91-84, § 4, 12-3-91; Ord. No. 93-13, § 1, 4-6-93; Ord. No. 2005-15, § 6, 3-1-05; Ord. No. 2007-36, § 6, 7-17-07)

Sec. 7-173. Supervision of work.

The actual work of installing, maintaining, altering or repairing of plumbing for which a permit is required by this code shall have supervision by a licensed master plumber as provided by the Texas Plumbing Licensing Law and this code. The owner of a plumbing contracting business who is not a licensed master plumber shall have constantly in his employ a licensed master plumber. Such master plumber shall be designated by the owner of such place of business to the plumbing inspector as the person responsible for, and supervising, the plumbing work done by such plumbing contractor. Such designated master plumber shall be the supervisory plumber of only one plumbing contractor within the city at any one time. Should such supervision not be constantly provided, the building official may order the work being done by such plumbing contractor to be discontinued until proper supervision and control has been provided and the name of the new master plumber disclosed to the building official.

(Ord. No. 83-27, § 1, 6-7-83)

Sec. 7-174. License--Required.

- (a) It shall be unlawful for any person who is not licensed as a plumber in accordance with the provisions of the laws of the State of Texas to install plumbing work or supervise plumbing as defined herein.
- (b) Nothing herein shall be construed as prohibiting the employment of a journeyman plumber to engage in, and work at the actual installation, alteration, repairing and renovating of plumbing, or the employment of a plumber's apprentice who, as his principal occupation, is engaged in the learning and assisting in the installation of plumbing, or the employment of unskilled laborers to handle, haul or carry materials when working under the immediate supervision of a master plumber.

(Ord. No. 83-27, § 1, 6-7-83)

Sec. 7-175. Same--Display.

- (a) Each holder of a license as a master plumber shall display his license in a conspicuous place in his principal place of business.
- (b) Each holder of a master or journeyman plumber's license shall carry evidence of proper registration on his person at all times while doing

plumbing work and shall produce and exhibit same when requested by any inspector or officer of the city.

(Ord. No. 83-27, § 1, 6-7-83)

Sec. 7-176. Plumbing installation or maintenance by homeowner.

Nothing in this code shall prevent a homeowner from installing or maintaining plumbing within the property boundaries of his homestead, providing that the owner files with the building inspection department adequate plans and specifications; satisfy the building official as to his ability to install plumbing; provided such work is done by himself and used exclusively by him and his family. Such privilege does not convey the right to violate any of the provisions of this code, nor is it to be construed as exempting any such property owner from obtaining a permit, paying the required fees and obtaining all required inspections.

(Ord. No. 83-27, § 1, 6-7-83)

Sec. 7-177. Amendment to plumbing code.

[The plumbing code adopted herein is amended as follows:]

Section 101.2 Scope, as previously amended by the city is hereby deleted in its entirety.

Section 102.8 Referenced codes and standards is hereby amended to read as follows:

Section 102.8 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 13 unless otherwise amended and such codes and standards shall be considered as part of the requirements of this code to the prescribed extent of each such reference. Where the differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply.

When a conflict exists between this code and state law, the most restrictive requirement shall prevail, and when a conflict exists between this code and other codes or ordinances adopted by the city, the most restrictive shall apply.

All references to the International Building Code shall mean the building code adopted by the city.

All references to the International Plumbing Code shall mean the plumbing code adopted by the city.

All references to the International Mechanical Code shall mean the mechanical code adopted by the city.

All references to the International Residential Code shall mean the residential code adopted by the city.

All references to the International Energy Conservation Code shall mean the energy code and any amendments adopted by the city and/or state law.

All references to the existing International Existing Building Code shall be replaced with the words "existing building provisions of the construction codes adopted by the city".

All references to the International Fire Code shall be replaced with the words "fire code adopted by the city".

Section 106 Permits is hereby amended by the addition of a new Section 106.3.2 *Time limit of application* to read as follows:

Section 106.3.2 Time limit of application. Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Official. The Building Official may extend the time for action by the applicant for a period not exceeding 180 days on request by the applicant showing that circumstances beyond the control of the applicant have prevented action from begin taken. No application shall be extended more than once. In order to renew action on an application shall resubmit plans and pay a new plan review fee.

Section 106.5.3 Expiration is hereby amended to read as follows:

Section 106.5.3 Expiration. Every permit issued by the building official under the provisions of this code shall expire by limitation and become null and void if the building or work authorized by such permit is not commenced and an inspection requested within 180 days from the date of such permit, or if the building or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days or if more than 180 days pass between any two inspections of the building or work, including the final inspection. Inspections requested and/or performed on work which is not complete shall not constitute an inspection for the purposes of this section. In the event of an expired permit, before such work can be recommenced, and/or inspections requested, a new permit shall be first obtained to do so, and the fee therefor shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that not more than 30 days has passed since the expiration of this permit. In order to renew action on a permit more than 30

days after expiration, the permittee shall pay a new full permit fee. The building official shall have the sole discretion, except as otherwise provided herein, to extend permits and inspection deadlines for projects of an unusually large scope. Any building or work subject to a permit which has expired for a period of more than 30 days shall be declared a nuisance in accordance with Chapter 7, Article II, and/or Chapter 12, Article VI of the Grapevine Code of Ordinances.

Any permittee holding an unexpired permit may apply for an extension of the time within which work may commence under that permit when the permittee is unable to commence work within the time required by this section for good and satisfactory reasons. The building official may extend the time for action by the permittee for a period not exceeding 180 days on written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shallbe extended nor renewed more than once.

Section 106.6.1 Work commencing before permit issuance is hereby deleted in its entirety and replaced with the following:

Section 106.6.1 Investigation, Fees, work without permit. Whenever any work for which a permit is required by this code has been commenced without first obtaining said permit, a special investigation shall be made before a permit may be issued for such work. An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this code. The minimum investigation fee shall be the same as the minimum permit fee set forth in the fee schedule adopted by the City. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by law.

Section 106.6.2 Fee schedule. The fees for all plumbing work shall be as indicated in the schedule attached hereto as Exhibit "C".

See Attached: Exhibit C

Section 106.6.3 Fee refunds. The code official shall authorize the refunding of fees as follows:

- 1. The full amount of any fee paid hereunder which was erroneously paid or collected.
- 2. Not more than eighty (80) percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.
- 3. Not more than eighty (80) percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is

withdrawn or canceled before any plan review effort has been expended.

Section 106.6 Fees is hereby amended by the addition of a new subsection 106.6.4 Reinspection fees to read as follows:

Section 106.6.4 Reinspection fees. A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when corrections called for are not made.

This subsection is not to be interpreted as requiring reinspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or reinspection.

Reinspection fees may be assessed when the inspection record card is not posted or otherwise available on the work site, the approved plans are not readily available to the inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the building official.

To obtain a reinspection, the applicant shall file an application therefor in writing on a form furnished for that purpose and pay the reinspection fee in accordance with the fee schedule adopted by the jurisdiction.

In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

Section 108.4 Violation penalties is hereby amended to read as follows:

Section 108.4 Violation penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to punishment as provided in section 1-6 of the Code of Ordinances.

Section 109 Means of Appeal is hereby deleted in its entirety and replaced with the following:

Section 109 Board of Appeals

Section 109.1 General. In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the City Council and shall

hold office at its pleasure. The board shall adopt rules of procedure for conducting its business. This board shall consist of members and follow the procedures as prescribed in Section 7-4 of this chapter. This board shall be known as the Building Board of Appeals.

Section 109.2 Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code, nor make interpretations on the administrative provisions of this code.

Section 305.6.1 Sewer depth is hereby amended to read as follows:

Section 305.6.1 Sewer depth. Building sewers shall be a minimum of 12 inches (304 mm) below grade.

Section 310 Washroom and Toilet Room Requirements is hereby deleted in its entirety.

Section 312.9.1 Inspections is hereby amended to read as follows:

Section 312.9.1 Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable. In the absence of local provisions, the owner is responsible to ensure that testing is performed.

Section 312.9.2 Testing is hereby amended to read as follows:

Section 312.9.2 Testing. Reduced pressure principle backflow preventer assemblies, double check-valve assemblies, pressure vacuum breaker assemblies, reduced pressure detector fire protection backflow prevention assemblies, double check detector fire protection backflow prevention assemblies, hose connection backflow preventers, and spill-proof vacuum breakers shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with applicable local provisions. In the absence of local provisions, the owner is responsible to ensure that testing is done in accordance with one of the following standards:

{List of standards unchanged}

Section 314.2.1 Condensate disposal is hereby amended to read as follows:

Section 314.2.1 Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of

disposal. Condensate shall not discharge into a street, alley, sidewalk, rooftop, or other areas so as to cause a nuisance.

Section 314.2.2 Drain pipe materials and sizes is hereby amended to read as follows:

Section 314.2.2 Drain pipe materials and sizes. Components of the condensate disposal system shall be cast iron, galvanized steel, copper, cross-linked polyethylene, polybutylene, polyethylene, ABS, CPVC or PVC pipe or tubing. All components shall be selected for the pressure, temperature, and exposure rating of the installation.

{Remainder unchanged}

Section 404.1 Where required is hereby amended to read as follows:

Section 404.1 Where required. Accessible plumbing facilities and fixtures shall be provided in accordance with State Law.

Section 410.1 Approval is hereby amended to read as follows:

Section 410.1 Approval. Drinking fountains shall conform to ASME A112.19.1M, ASME A112.19.2M or ASME A112.19.9M, and water coolers shall conform to ARI 1010. Drinking fountains and water coolers shall conform to NSF 61, Section 9

Exception: A drinking fountain need not be provided in a drinking or dining establishment.

Section 412.4 Required location is hereby amended to read as follows:

Section 412.4 Required location. Floor drains shall be installed in the following areas.

- In public coin-operated laundries and in the central washing facilities of multiple family dwellings, the rooms containing automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area.
- 2. Commercial kitchens. (In lieu of floor drains in commercial kitchens, the code official may accept floor sinks.)

Section 413.4 Water supply required is hereby amended to read as follows:

Section 413.4 Water supply required. All food waste grinders shall be provided with a supply of cold water. The water supply shall be protected against backflow

by an air gap or with the installation of a backflow preventer in accordance with Section 608.

Section 417.5.2 Shower lining is hereby amended to read as follows:

Section 417.5.2 Shower lining. Floors under shower compartments, except where prefabricated receptors have been provided, shall be lined and made water tight utilizing material complying with Sections 417.5.2.1 through 417.5.2.4. Such liners shall turn up on all sides at least 3 inches (76 mm) above the finished threshold level and shall extend outward over the threshold and fastened to the outside of the threshold jamb. Liners shall be recessed and fastened to an approved backing . . . {remainder of section unchanged}.

A new Section 417.7 Test for shower receptors is hereby added to read as follows:

Section 417.7 Test for shower receptors. Shower receptors shall be tested for water tightness by filling with water to the level of the rough threshold. The drain shall be plugged in a manner so that both sides of pans shall be subjected to the test at the point where it is clamped to the drain.

Section 419.3 Surrounding materials is hereby amended to read as follows:

Section 419.3 Surrounding materials. Wall and floor space to a point 2 feet (610 mm) in front of a urinal lip and 4 feet (1,219 mm) above the floor and at least 2 feet (610 mm) to each side of the urinal shall be waterproofed with a smooth, readily cleanable, hard, nonabsorbent material.

Section 502.3 Water heaters installed in attics is hereby amended to read as follows:

Section 502.3 Water heaters installed in attics. Attics containing a water heater shall be provided . . . {bulk of paragraph unchanged} . . . side of the water heater. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), or larger where such dimensions are not large enough to allow removal of the water heater.

Section 502 Installation is hereby amended by the addition of a new Section 502.5 water heaters above ground or floor to read as follows:

Section 502.5 Water heaters above ground or floor. When the attic, roof, mezzanine or platform in which a water heater is installed is more than eight (8) feet (2,438 mm) above the ground or floor level, it shall be made accessible by a stairway or permanent ladder fastened to the building.

Section 502 Installation is hereby amended by the addition of new subsection 502.5.1 Electrical requirements to read as follows:

Section 502.5.1 Electrical requirements. Whenever the mezzanine or platform is not adequately lighted or access to a receptacle outlet is not obtainable from the main level, lighting and a receptacle outlet shall be provided in accordance with Section 502.3.1.

Section 504.6 Requirements for discharge piping is hereby amended to read as follows:

Section 504.6. Requirements for discharge piping.

{Bulk of section to remain unchanged}

- (1--5) {unchanged}
- (5) Discharge, to an indirect waste receptor or to the outdoors. Where {balance of Item 5 unchanged}.
- (6--9) {to remain unchanged}
- (10) Not terminate more than six inches (6") above waste receptor.

{Balance of section unchanged}

Table 605.3 Water Service Pipe is hereby amended by the deletion of Polybutylene (PB) plastic pipe and tubing.

Table 605.4 Water Distribution Pipe as previously amended by the city, is hereby amended to read as follows:

Table 605.4 Water Distribution Pipe is hereby amended by deleting Polybutylene (PB) plastic pipe and tubing.

Section 606.1 Location of full-open valves is hereby amended to read as follows:

Section 606.1 Location of full-open valves. Full-open valves shall be installed in the following locations:

- 1. On the building water service pipe from the public water supply near the curb.
- 2. On the water distribution supply pipe at the entrance into the structure.
- 3. On the discharge side of every water meter.

- 4. On the entrance to every water supply pipe to a dwelling unit, except where supplying a single fixture equipped with individual stops.
- 5. On the water supply pipe to a gravity or pressurized water tank.
- 6. On the water supply pipe to every water heater.

Section 608.1 General is hereby amended to read as follows:

Section 608.1 General. A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from nonpotable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to applicable local regulations, Table 608.1, and as specifically stated in Sections 608.2 through 608.16.9.

Section 608.16.5 Connection to lawn irrigation systems is hereby amended to read as follows:

Section 608.16.5 Connections to lawn irrigation systems. The potable water supply system to lawn irrigation systems shall be protected against backflow by an atmospheric-type vacuum breaker, a pressure type vacuum breaker, a double-check assembly or a reduced pressure principle backflow preventer . . . {remainder of section unchanged}.

Section 714 Computerized Drainage Design is hereby amended to read as follows:

Section 714.1 Design of drainage system is hereby amended to read as follows:

Section 714.1 Design of drainage system. The sizing, design and layout of the drainage system shall be permitted to be designed by approved engineered design methods.

Section 904.1 Roof extensions is hereby amended to read as follows:

Section 904.1 Roof extensions. All open vent pipes that extend through a roof shall be terminated at least six (6) inches (152 mm) above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet (2,134 mm) above the roof.

Section 912.1 Type of fixture is hereby amended to read as follows:

Section 912.1 Type of fixture. A combination drain and vent system shall not serve fixtures other than floor drains, standpipes, and indirect waste receptors.

Combination drain and vent systems shall not receive the discharge from a food waste grinder or clinical sink.

Section 1101.8 Cleanouts required is hereby amended to read as follows:

Section 1101.8 Cleanouts required. Cleanouts shall be installed in the building storm drainage system . . . {remainder of section unchanged}.

Section 1106.1 General is hereby amended to read as follows:

Section 1106.1 General. The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers shall be based on six (6) inches per hour rainfall rate.

(Ord. No. 83-27, § 1, 6-7-83; Ord. No. 92-17, § 3, 4-7-92; Ord. No. 99-85, § 5, 6-1-99; Ord. No. 2001-55, § 5, 7-17-01; Ord. No. 2001-83, § 1, 11-6-01; Ord. No. 2005-15, § 6, 3-1-05; Ord. No. 2007-36, § 6, 7-17-07)

EXHIBIT "C"

CITY OF GRAPEVINE MECHANICAL, ELECTRICAL, PLUMBING AND FUEL GAS **PERMIT FEES**

TYPE OF OCCUPANCY	BUILDING AREA (SQ FT)	PERMIT FEES	AMOUNT DUE
		EACH TRADE	
I. R-3 SINGLE FAMILY, DUPLEX TOWNHOUSE, NEW CONSTRUCTION & ADDITIONS (PER UNIT) TOTAL SQ.FOOT UNDER ROOF	1 - 749 750 - 1,199 1,200 - 1,500 1,501 - 1,750 1,751 - 2,000 2,001 - 2,250 2,251 - 3,000 3,001 - 3,500 3,501 - 4,000 4,001 +	\$ 33.25 \$ 49.88 \$ 63.18 \$ 76.48 \$ 83.13 \$ 89.78 \$ 96.43 \$ 103.08 \$ 109.73 \$ 120.37	\$
II. A, E, I, R-1	1 - 500	\$ 37.00	
HOTELS, APARTMENTS, DRINKING/DINING, EDUCATIONAL, ASSEMBLY, INSTITUTIONAL	501 - 100,000 100,001 - 500,000 500,001 +	\$ 17.50+.035 \$ 3,500.00+.03 \$15,000.00+.02 PER SQUARE FOOT	\$
III. B, F, H, M, S, U	1 - 500	\$ 37.00	
OFFICE, RETAIL, WHOLESALE, GARAGES, FACTORIES, WORKSHOPS, SERVICE STATIONS, WAREHOUSE	501 - 50,000 50,001 - 100,000 100,001+	\$ 32.00+.01 \$ 182.00+.007 \$ 582.00+.003 PER SQUARE FOOT	\$
IV. ANY OCCUPANCY GROUP, ALTERATIONS, FINISH-OUTS, SHELL COMPLETIONS	CONTRACT VALUATION OF WORK 0- 500	EACH TRADE	
CONTRACT VALUATION OF WORK:	501- 1,500 1,501- 3,000 3,001- 5,000 5,001- 50,000 50,001- 100,000 100,001- 500,000	\$ 37.00 \$ 45.00 \$ 57.00 \$ 72.00 \$ 27.00+.009 \$ 127.00+.007	
\$	500,000+	\$ 327.00+ .005 DOLLAR \$ 1,327.00+ .003 VALUATION	\$
V. MISCELLANEOUS		EACH TRADE	
IRRIGATION SYSTEMS MOBILE HOME SERVICE TEMPORARY POLE SERVICE SWIMMING POOLS SIGN ELECTRIC		\$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00	\$
OTHER INSPECTIONS AND FEES INSPECTIONS OUTSIDE NORMAL BUSINESS HOURS (2HR MINIMUM)			

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